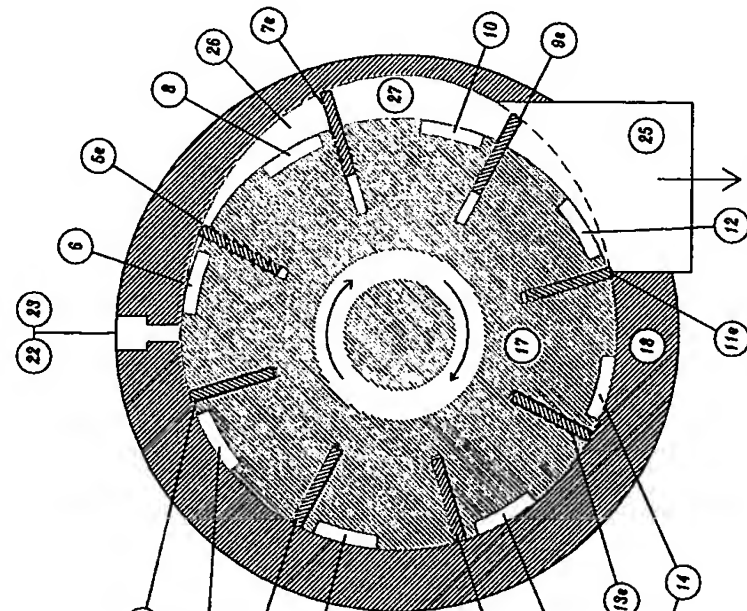
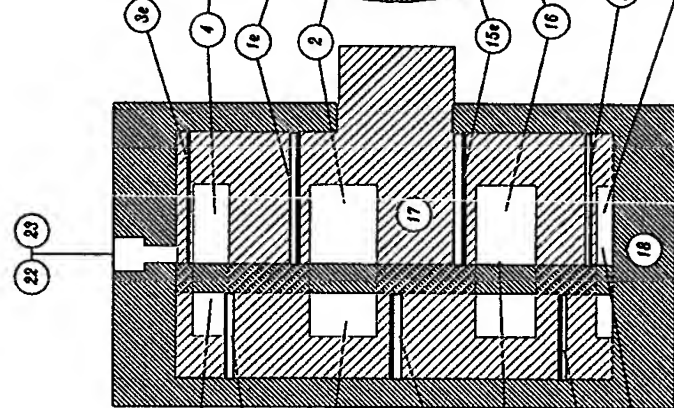
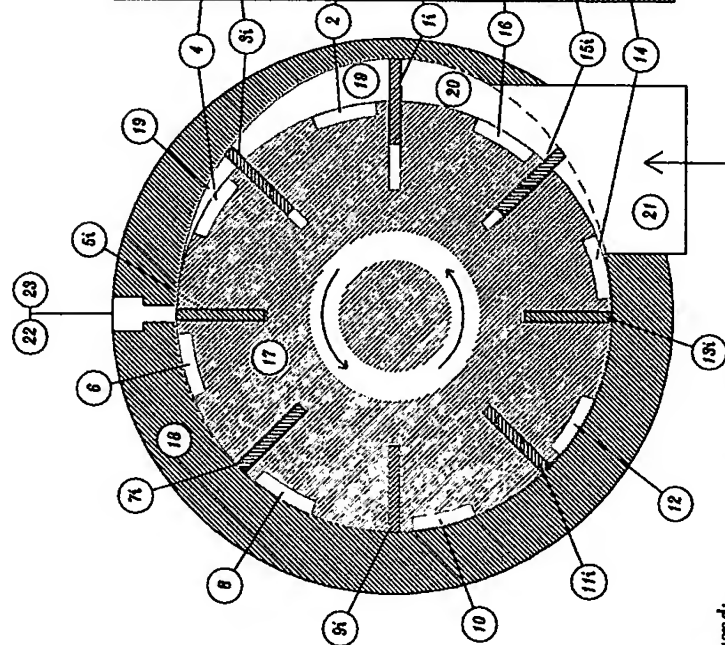


# Positive Displacement Turbine Engine

Fig. 1a

Fig. 1b

Fig. 1c



- Legend:**  
 1e, 3e, 5e, 7e, 9e, 11e, 13e, 15e - Variable Intake Blades  
 1e, 3e, 5e, 7e, 9e, 11e, 13e, 15e - Variable Expansion Vanes  
 2, 4, 6, 8, 10, 12, 14, 16 - Combustion Chambers  
 17 - Rotor  
 18 - Casing  
 19 - Compression Cycle  
 20 - Intake Cycle  
 21 - Exhaust Port  
 22 - Ignition Device  
 23 - Fuel Injector  
 24 - Bearing (not shown)  
 25 - Exhaust Port  
 26 - Expansion Cycle  
 27 - Exhaust Cycle

Drawn by  
 Jay Paulhaber

Positive Displacement  
 Turbine Engine

March 3, 2003

001